

SN. 09/737,279

ATTORNEY DOCKET No. MITS:024

IN THE CLAIMS:

Claims 1, 7, 8, 10, and 11 have been amended as follows:

--1. (Twice Amended) A continuously variable transmission comprising:

a continuously variable transmission mechanism comprising:

a primary shaft having a primary pulley;

a secondary shaft having a secondary pulley; and

an endless belt wound on the primary pulley and the secondary pulley;

a housing that accommodates the continuously variable transmission mechanism, the housing having an end wall that is formed with a first bearing mounting hole through which one end portion of one of the primary shaft and the secondary shaft penetrates, the end wall having a first outwardly facing side and a first inwardly facing side opposite to the first outwardly facing side around the first bearing mounting hole;

a first bearing [that is] fitted in the first bearing mounting hole and [allows] allowing the one shaft to be supported rotatably by the end wall;

a first flange extending radially from the first inwardly facing side toward [that projects from an inside circumferential surface of] the first bearing mounting hole [and extends from an inwardly facing side of the end wall];

a bearing retainer [that is] provided on [an outside surface] the first outwardly facing side of the end wall [so as to project] and projecting radially inwardly [in a radial direction of] toward the first bearing mounting hole, and [that cooperates with the first flange] engaging the first bearing to pinch the first bearing against the first flange; and

a first cover [that is] connected to the housing and [covers] covering the one end portion of the one shaft and the bearing retainer.--

7. (Amended) The continuously variable transmission according to claim 2, further comprising a second flange, the end wall having a second outwardly facing side and a second inwardly facing side opposite to the second outwardly facing side around the second bearing mounting hole, wherein:

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the second flange extends radially from the second inwardly facing side toward [that projects from an inside circumferential surface of] the second bearing mounting hole; [on the inwardly facing side, wherein:]

the second cover [is in] contacts the second outwardly facing side [with an outside surface] of the end wall and an outer side surface of the second bearing in the same plane;

the depth of the second bearing mounting hole, which extends in the axial direction, is shorter than the combined thickness of the second bearing and the urging member [that is not deformed elastically] in a free state, which combined thickness extends in the axial direction; and

the second bearing receives urging force in a direction from the urging member to the second cover and is thereby in contact with the second cover.

8. (Twice Amended) The continuously variable transmission according to claim 3, further comprising a second flange, the end wall having a second outwardly facing side and a second inwardly facing side opposite to the second outwardly facing side around the second bearing mounting hole, wherein:

the second flange extends radially from the second inwardly facing side toward [that projects from an inside circumferential surface of] the second bearing mounting hole; [and from the inwardly facing side of the end wall, wherein:]

the second cover [is in] contacts the second outwardly facing side [with an outside surface] of the end wall and an outer side surface of the second bearing in the same plane;

the depth of the second bearing mounting hole, which extends in the axial direction, is shorter than the combined thickness of the second bearing and the urging member [that is not deformed elastically] in a free state, which combined thickness extends in the axial direction; and

the second bearing receives urging force in a direction from the urging member to the second cover and is thereby in contact with the second cover.--

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--10. (Twice Amended) A continuously variable transmission comprising:

a continuously variable transmission mechanism comprising:

a primary shaft having a primary pulley;

a secondary shaft having a secondary pulley; and

an endless belt wound on the primary pulley and the secondary pulley;

a housing that accommodates the continuously variable transmission mechanism, the housing having an end wall that is formed with a bearing mounting hole through which one end portion of one of the primary shaft and the secondary shaft penetrates;

a bearing [that is] fitted in the bearing mounting hole and [allows] allowing the one shaft to be supported rotatably by the end wall;

an urging member [that is] in contact with an inwardly facing side surface of the bearing[, the urging member] and being elastically deformable in an axial direction of the one shaft; and

a cover [that is] connected to the housing and [covers] covering the one end portion of the one shaft, and [cooperates with the urging member] engaging the bearing on an outwardly facing side thereof to pinch the bearing [in the] axially [direction] inwardly against the urging member.

11. (Amended) The continuously variable transmission according to claim 10, further comprising a flange [that projects] extending radially from an inwardly facing side of the end wall toward [inside circumferential surface of] the bearing mounting hole, [from an inwardly facing side of the end wall,] the flange supporting the urging member from the inwardly facing side, wherein the urging member is disposed between the flange and the bearing.--

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